

Maximum wind velocities.

Stations.	Date.	Velocity.	Direction.	Stations.	Date.	Velocity.	Direction.
El Paso, Tex.	25	54	ne.	Pt. Reyes Light, Cal.	2	54	nw.
Modena, Utah	18	60	sw.	Do.	4	54	nw.
Mt. Tamalpais, Cal.	11	60	nw.	Do.	5	53	nw.
Do.	14	80	nw.	Do.	11	64	nw.
Do.	23	50	nw.	Do.	12	60	nw.
Do.	25	64	nw.	Do.	13	72	nw.
Do.	26	54	nw.	Do.	14	61	nw.
North Head, Wash.	27	64	se.	Do.	25	76	nw.
Oklahoma, Okla.	29	50	n.	Do.	26	65	nw.
Pierre, S. Dak.	20	51	sw.	Do.	27	54	nw.
Pittsburg, Pa.	27	52	w.	Do.	28	53	nw.
Pt. Reyes Light, Cal.	1	54	nw.	Do.	29	50	nw.

RAINFALL IN JAMAICA.

Through the kindness of Mr. Maxwell Hall, meteorologist to the government of Jamaica and now in charge of the meteoro-

CLIMATOLOGICAL SUMMARY.

By Mr. P. C. DAY, Acting Chief, Climatological Division.

TEMPERATURE AND PRECIPITATION BY SECTIONS, JUNE, 1909.

In the following table are given, for the various sections of the Climatological Service of the Weather Bureau, the average temperature and rainfall, the stations reporting the highest and lowest temperatures with dates of occurrence, the stations reporting the greatest and least monthly precipitation, and other data, as indicated by the several headings.

The mean temperatures for each section, the highest and

lowest temperatures, the average precipitation, and the greatest and least monthly amounts are found by using all trustworthy records available.

The rainfall for the island for the month of June was a little above the average. The greatest rainfall, 20.39 inches, was recorded at Brownsville, Hanover. The least rainfall, 1.09 inches, was recorded at Southfield, St. Ann's.

Comparative table of rainfall.

[Based upon the average stations only.]

JUNE, 1909.

Divisions.	Relative area.	Number of stations.	Rainfall.	
			1909.	Average.
Northeastern division	25	17	Inches.	Inches.
Northern division	22	41	4.98	4.33
West-central division	26	20	5.22	4.33
Southern division	27	26	9.46	8.33
Means	100		6.01	5.20
			6.42	6.11

Temperature—in degrees Fahrenheit.

Section.	Section average.	Departure from the normal.	Monthly extremes.				Section average.	Departure from the normal.	Greatest monthly.		Least monthly.	
			Station.	Highest.	Date.	Station.			Station.	Amount.	Station.	Amount.
Alabama	78.0	0.0	Flomaton	100	18	Madison	53	34	7.82	+ 3.55	Guntersville	14.28
Arizona	78.1	- 0.6	Mohawk Summit	121	30	Scottsboro	53	14	0.16	- 0.04	Dos Cabezos	1.44
Arkansas	76.9	+ 0.2	Pocahontas	104	8	Flagstaff, B.	27	21	4.08	- 0.17	Mammoth Spring	8.68
California	68.1	- 1.1	Mammoth Tank	115	30	Dutton	49	4	0.19	- 0.15	North Bloomfield	2.00
Colorado	61.8	+ 0.2	Las Animas	107	28	Tamarack	21	2	5.24	- 0.15	Truckee	1.11
Florida	50.7	+ 0.8	Johnstown	102	14	Wagon Wheel Gap	20	20	1.51	+ 0.41	Cheyenne Wells	8.62
Georgia	78.5	+ 0.5	Blakely	104	17	Middleburg	56	1	6.28	- 0.69	Tarpon Springs	18.10
Hawaii (May)	70.6	3 stations	90	3 d't's	Diamond	55	5	5.43	+ 0.96	Clayton	14.65
Hawaii (June)	72.0	Kihei	90	5, 26	Humuula, Hawaii	35	18	5.24	- 0.36	Honomanu Valley	23.74
Idaho	61.6	+ 1.9	Garnet	103	30	Muumuu, Hawaii	35	11	4.36	- 0.36	Honomanu Valley	21.21
Illinois	72.7	+ 0.4	Chester, Mt. Vernon	98	3 d't's	Fozney	26	6	0.70	- 0.41	Bonners Ferry	2.43
Indiana	72.2	+ 0.7	Rome	97	28	6 stations	39	3 d't's	4.15	+ 0.41	Robinson	8.75
Iowa	69.1	+ 0.3	Keosauqua	96	28	Auburn	39	19	5.16	+ 1.08	Rochester	9.02
Kansas	73.1	+ 0.3	Lakin	104	29	Elma	40	15	6.41	+ 1.89	Afton	13.30
Kentucky	74.5	+ 0.4	Calhoun	99	25	Colby	42	3	5.45	+ 0.90	Wakeeney	12.07
Louisiana	81.9	+ 0.3	Opelousas	103	16	Maysville	43	19	5.05	+ 0.71	Berea	10.20
Maryland and Delaware	71.3	+ 1.1	Cambridge, Md.	98	25	Monroe	54	2	6.51	+ 1.21	Pearl River	16.50
Michigan	64.3	+ 0.5	Millsboro, Del.	98	25	Deer Park, Md.	32	18	5.04	+ 1.01	Bachmans V'y, Md.	10.45
Minnesota	65.0	+ 0.5	Powers	96	13	Chatham	28	18	3.15	+ 0.13	Grand Rapids	7.50
Mississippi	78.6	- 0.3	Baudette	97	19	Wetmore	28	18	3.53	- 0.73	New Ulm	8.30
Missouri	73.9	+ 0.5	Duck Hill	100	27, 28	International Falls	29	14	6.53	+ 2.91	Pearlton	16.09
Montana	59.4	+ 1.2	Caruthersville	98	27	5 stations	60	5 d't's	6.53	+ 0.27	Gallatin	10.05
Nebraska	69.0	+ 0.4	Bridger	103	29	Sublett	48	18	5.21	+ 0.43	Highwood	6.89
Nevada	65.5	+ 2.3	Beaver City	108	29	Bowen	24	6	3.02	+ 0.08	Westpoint	9.94
New England*	64.9	+ 0.4	Logan	112	30	Kimball	33	11	4.28	+ 0.41	Loveloock	1.95
New Jersey	70.0	+ 0.8	W. Ossipee, N. H.	100	25	Cobre	24	9	0.38	- 0.14	Van Buren, Me.	2.55
New Mexico	70.0	+ 0.1	Somerville	99	25	Rivervale	36	19	3.26	- 0.55	Elizabethtown	9.91
New York	65.1	+ 0.6	Gage	104	25	Elizabethtown	23	9	0.91	- 0.30	Westport	9.94
North Carolina	75.9	+ 1.6	Bedford	99	25	Elizabethtown	21	8	2.86	- 0.85	Alstead Center, N. H.	4.68
North Dakota	62.9	+ 0.6	Goldsboro	99	26, 28	Nehasane	42	19	7.92	+ 2.91	Cape May, C. H.	5.70
Ohio	70.1	+ 0.8	Blasmack	98	23	Banners Elk	42	19	7.63	+ 0.63	Dorsey (near)	5.21
Oklahoma	76.5	+ 0.9	Medora	98	22	Berthold Agency	28	14	3.21	- 0.38	Newark Valley	6.15
Oregon	59.4	+ 0.4	Ironton, Waverly	96	27	Rome	36	10	5.86	+ 1.91	Newbern	17.05
Pennsylvania	68.8	+ 0.8	Beaver	104	6	5 stations	50	3 d't's	3.45	- 0.52	Amenia	7.65
Porto Rico	77.8	- 0.5	Chickashas	104	17	Christmas Lake	20	8	0.66	- 0.94	Benton Ridge	12.70
South Carolina	79.2	+ 1.2	3 stations	100	4 d't's	Saegeertown	34	16	4.48	+ 0.31	Chattanooga	8.87
South Dakota	66.9	+ 1.5	Philadelphia, C.	98	28	Jayuya	52	6	7.63	+ 0.63	Hood River	2.34
Tennessee	75.6	+ 0.6	Bayamon	96	1	Maricao	52	3	6.87	+ 1.82	Milford	1.11
Texas	80.9	+ 1.2	Florence	105	27	Darlington	58	16	4.10	- 0.33	Anderson	12.42
Utah	66.2	+ 1.3	Cascade Springs	103	28	Pollock	34	14	10.29	- 0.52	Charleston	9.65
Virginia	73.0	+ 1.3	Brownwood	107	28	Mountain City	43	19	5.44	+ 1.18	Charleroi	13.83
Washington	61.0	0.0	Green River	110	30	Claude	44	1, 3, 4	3.37	- 0.35	Memphis	1.78
West Virginia	71.1	+ 1.9	Lincoln	98	28	Scofield	20	10	0.14	- 0.36	El Paso	0.05
Wisconsin	65.0	- 0.3	Chemey	102	29	Bunkes Garden	35	19	6.28	+ 1.93	Government Creek	0.79
Wyoming	58.9	+ 1.1	Sutton	101	27	Clealum	35	28	0.90	- 0.96	Elk Knob	10.76
		(Neillsville	99	29	Arbovale, Bayard	35	19	5.73	+ 1.16	Quinault	4.43	
		Muscooda	99	30	Long Lake	29	18	3.93	- 0.14	Terra Alta	9.19	
		Basin	103	29	Kirwin	22	11	2.27	+ 0.74	Stanley	7.61	
										Wyncote	5.98	
										Snake River, Y. N. P.	0.07	

*Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.